

IN THE CLAIMS:

1. (Twice Amended) A frost resistant heating or cooling fluid containing alkali salts of acetic acid or formic acid, wherein the fluid further contains a corrosion inhibitor consisting of a mixture selected from the group of C₅-C₁₆ monocarboxylic acid; alkali-salt, ammonium-salt, and amino-salts of C₅-C₁₆ monocarboxylic acid; C₅-C₁₆ dicarboxylic acid, alkali-salt, ammonium-salt and amino-salts of C₅-C₁₆ dicarboxylic acid; and a triazole.

2. (Twice Amended) A fluid according to claim 1, wherein the fluid contains between 5 and 50 weight-% of alkali salts of an acid selected from the group consisting of acetic acid and formic acid based on the weight of the fluid.

3. (Twice Amended) A fluid according to claim 1, wherein the fluid contains between 0.4 and 10 weight-% of the corrosion inhibitor, based on the total weight of the cooling fluid.

4. (Twice Amended) A fluid according to claim 1, wherein the fluid contains between 0.02 and 3 weight-% of the corrosion inhibitor selected from the group consisting of monocarboxylic acid, alkali-salt, ammonium-salt and amino-salts of said acid, based on the total weight of the cooling fluid.

5. (Twice Amended) A fluid according to claim 4, wherein the fluid contains between 0.02 and 3 weight-% of the corrosion inhibitor selected from the group consisting of dicarboxylic acid; alkali-salt, ammonium-salt and amino-salts of said acid, based on the total weight of the cooling fluid.

6. (Twice Amended) A fluid according to claim 4, wherein the fluid contains between 0.02 and 2 weight-% of triazole based on the total weight of the cooling fluid.

7. (Twice Amended) A fluid according to claim 1, wherein said monocarboxylic acid is an aliphatic C₅-C₁₆ monocarboxylic acid, selected from the group of octanoic acid, nonanoic acid, decanoic acid,

undecanoic acid, dodecanoic acid, 2-ethyl hexanoic acid and neodecanoic acid.

8. (Twice Amended) A fluid according to claim 1, wherein said dicarboxylic acid is a C₈-C₁₂ aliphatic dicarboxylic acid selected from the group of suberic acid, azealic acid, sebacic acid, undecanoic di-acid, dodecanoic di-acid and the di-acid of di-cyclopentadienylide.

9. (Twice Amended) A fluid according to claim 1, wherein said dicarboxylic acid is a C₈-C₁₂ aromatic dicarboxylic acid.

10. (Twice Amended) A fluid according to claim 1, wherein the triazole is selected from the group consisting of tolyoltriazole and benzotriazole.

11. (Amended) A fluid according to claim 3 wherein the fluid contains between 0.5 and 2 weight-% of the corrosion inhibitor, based on the total weight of the cooling fluid.

12. (Amended) A fluid according to claim 9 wherein said C₈-C₁₂ aromatic dicarboxylic acid is terephthalic acid.